

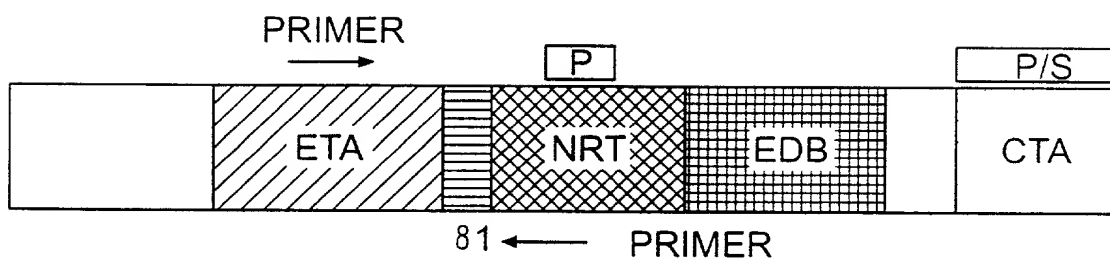
GAATTCGCGAACGAATAATTATTATTAGCAATTATTAGCGATCAATAATCTTGATCACATT	62
ATG GCA AGC ACT ATT AAG GAA GCA TTA TCA GTG GTG AGT GAA GAC CAG TCC TTG TTT GAG	122
M A S T I K E A L S V V S E D Q S L F E	20
TGT GCC TAC GGA TCG CCC CAC CTT GCA AAG ACA GAA ATG ACA GCC TCC TCT TCC AGT GAA	182
C A Y G S P H L A K T E M T A S S S S E	40
TAT GGG CAA ACA TCA AAG ATG AGC CCG CGC GTT CCC CAG CAG GAC TGG TTA TCA CAG CCC	242
Y G Q T S K M S P R V P Q Q D W L S Q P	60
CCG GCC AGA GTT ACC ATT AAG ATG GAG TGT AAC CCA AAC CAG GTT AAT GGG TCA AGG AAT	302
P A R V T I K M E C N P N Q V N G S R N	80
TCA CCT GAT GAC TGC AGC GTG GCA AAA GGA GGG AAA ATG GTT AGC AGT TCA GAC AAT GTT	362
S P D D C S V A K G G K M V S S S D N V	100
GGG ATG AAC TAT GGA AGC TAC ATG GAA GAG AAG CAT ATT CCG CCT CCA AAT ATG ACA ACC	422
G M N Y G S Y M E E K H I P P P N M T T	120
AAT GAA CGA AGA GTT ATT GTG CCA GCA GAT CCT ACG TTA TGG AGC ACA GAC CAT GTA CGG	482
N E R R V I V P A D P T L W S T D H V R	140
CAG TGG CTG GAG TGG GCA GTG AAG GAG TAT GGT CTT CCA GAC GTG GAC ATC TTG TTG TTC	542
Q W L E W A V K E Y G L P D V D I L L F	160
CAG AAC ATT GAT GGG AAA GAG TTG TGT AAA ATG ACC AAA GAT GAC TTC CAG AGA CTC ACG	602
Q N I D G K E L C K M T K D D F Q R L T	180
CCG AGC TAT AAC GCA GAT ATC CTC CTG TCA CAC CTA CAC TAC CTC AGA GAG ACT CCT TCC	662
P S Y N A D I L L S H L H Y L R E T P L	200
CCA CAT TTG ACT TCA GAT GAT GTT GAT AAG GCC TTA CAA AAC TCT CCA CGG TTA ATG CAT	722
P H L T S D D V D K A L Q N S P R L M H	220
GCT AGA AAC ACA GGA GGA GCC ACT TTT ATT TTT CCA AAT ACA TCA GTT TAC CCA GAA GCA	782
A R N T G G A T F I F P N T S V Y P E A	240
ACG CAA AGA ATA ACA ACA AGG CCA GAT TTA CCT TAT GAG CAA GCG AGG AGA TCA GCG TGG	842
T Q R I T T R P D L P Y E Q A R R S A W	260

**FIG. 1A**

ACG AGT CAC AGC CAT CCC ACT CAG TCA AAA GCT ACC CAA CCA TCA TCT TCA ACA GTG CCC	902
T S H S H P T Q S K A T Q P S S S T V P	280
AAA ACA GAA GAC CAG CGT CCT CAG TTA GAT CCT TAT CAG ATT CTT GGA CCG ACC AGC AGC	962
K T E D Q R P Q L D P Y Q I L G P T S S	300
CGT CTT GCA AAT CCA GGG AGT GGG CAG ATA CAG CTA TGG CAG TTC CTA CTG GAG CTT CTG	1022
R L A N P G S G Q I Q L W Q F L L E L L	320
TCG GAC AGC TCC AAC TCC AAC TGC ATC ACC TGG GAG GGC ACA AAT GGG GAG TTC AAG ATG	1082
S D S S N S N C I T W E G T N G E F K M	340
ACA GAC CCT GAT GAA GTG GCT CGG CGT TGG GGA GAG AGG AAA AGC AAA CCT AAC ATG AAC	1142
T D P D E V A R R W G E R K S K P N M N	360
TAT GAC AAA CTC AGC CGT GCA CTT CGC TAC TAC TAT GAC AAA AAT ATT ATG ACT AAA GTT	1202
Y D K L S R A L R Y Y Y D K N I M T K V	380
CAT GGT AAA CGC TAT GCC TAC AAA TTT GAT TTC CAC GGA ATC GCT CAG GCC CTC CAG CCT	1262
H G K R Y A Y K F D F H G I A Q A L Q P	400
CAC CCT CCA GAA TCA TCC ATG TAC AAA TAC CCA TCA GAC CTC CCC TAC ATG AGT TCC TAC	1322
H P P E S S M Y K Y P S D L P Y M S S Y	420
CAT GCA CAC CCC CAG AAG ATG AAC TTT GTA GCT CCC CAT CCC CCT GCT TTG CCC GTA ACC	1382
H A H P Q K M N F V A P H P P A L P V T	440
TCA TCC AGC TTT TTT GCT GCC CCT AAT CCA TAC TGG AAT TCA CCA ACT GGA GGC ATC TAC	1442
S S S F F A A P N P Y W N S P T G G I Y	460
CCC AAT ACC AGG CTG CCA GCT GCT CAT ATG CCT TCC CAT CTT GGC ACC TAC TAC TAA GTG	1502
P N T R L P A A H M P S H L G T Y Y	478
GGGAAAGAAAGAAAGCGCCAAGAAAA	1528

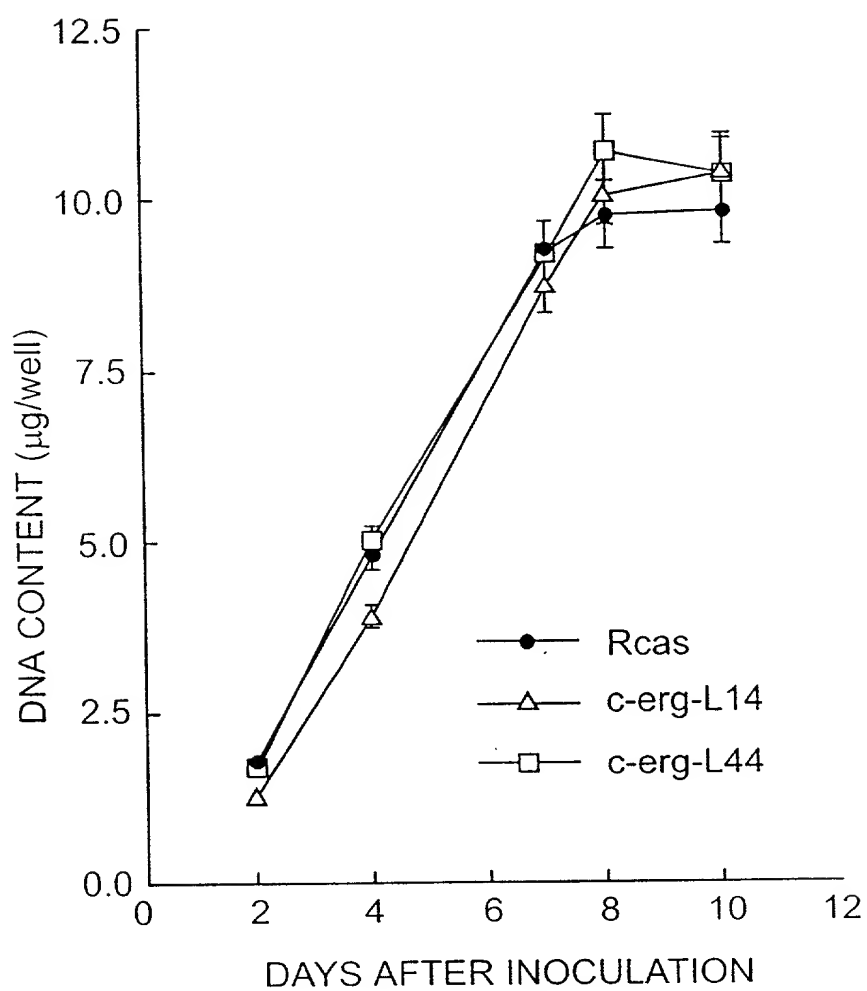
**FIG. 1B**

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**FIG. 2**

**FIG. 3**



**FIG. 4**

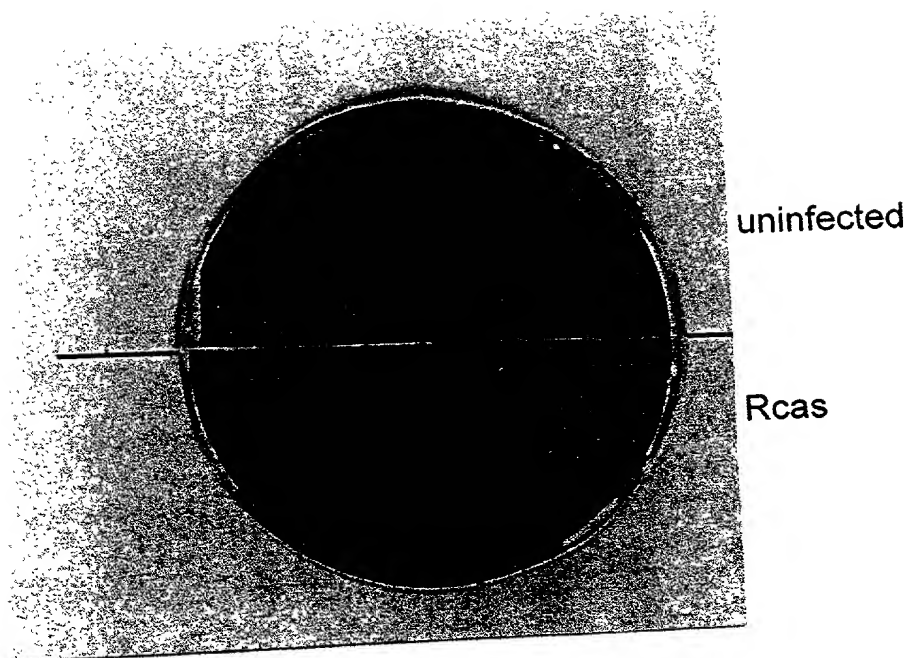
**FIG. 5**

**FIG. 6**

**FIG. 7**

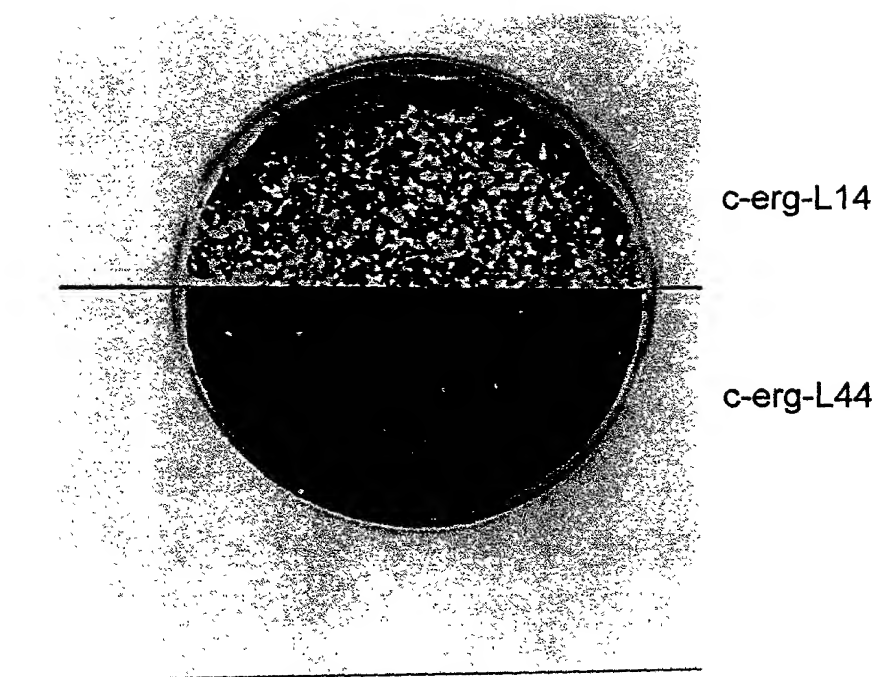


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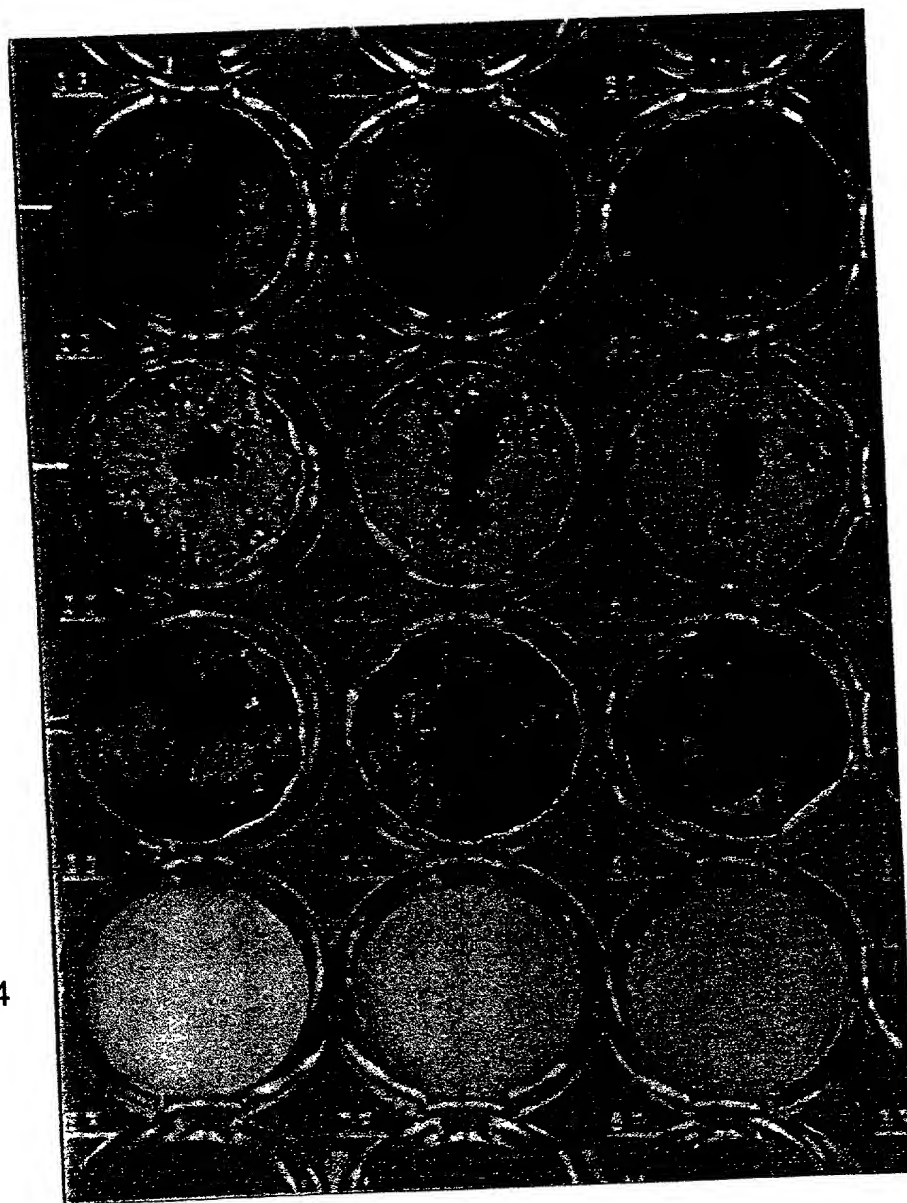
**FIG. 8**

FIG. 9



**FIG. 9**

Rcas  
c-erg-L14  
c-erg-L44  
C11-L14



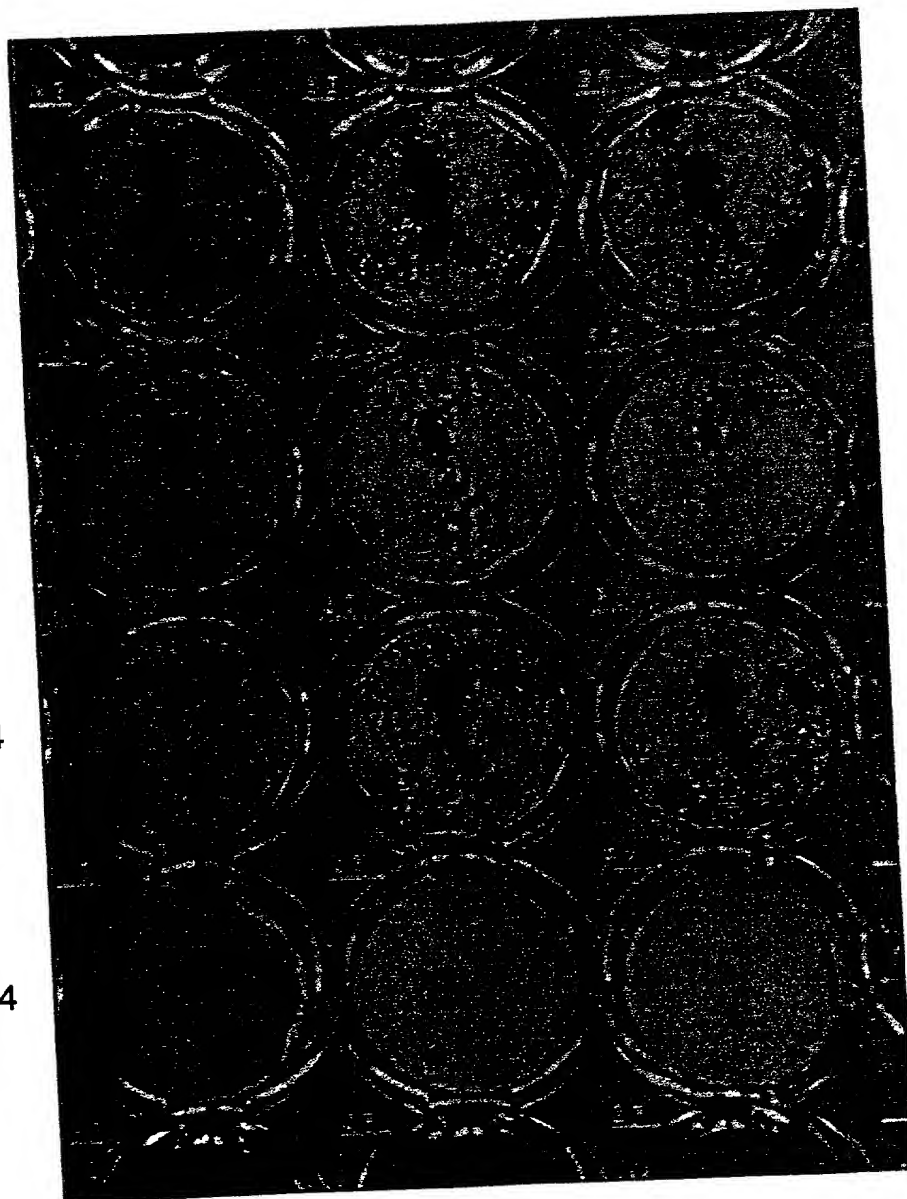
**FIG. 10**

Rcas

c-erg-L14

c-erg-L44

C11-L14



**FIG. 11**